

HISTORY KEPT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	ILLINOIS HIGHWAY INFORMATION SYSTEM STRUCTURE INFORMATION AND PROCEDURE MANUAL		
NBIS REQUIRED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	ITEM NAME TOTAL DECK THICKNESS	ITEM NO. 108D PAGE 1 of 2 EFF. DATE 07/01/02	
	ISIS	MMIS	
RESPONSIBLE FOR UPDATE	District Local Roads	District Maintenance/Operations	
STRUCTURES	Local	State	
UPDATE SCREENS	(12) Inspection / Appraisal	(2) Inspection	
INQUIRY SCREENS	(4) Inspection / Appraisal	(2) Inspection	

DESCRIPTION AND PURPOSE OF ITEM

This item describes the total thickness of the structure's deck and includes the structural deck and the wearing surface above the top of deck support.

The total deck thickness can be determined by comparing the vertical positions of the top and bottom of the deck relative to a common reference point.

This measurement must be taken at the same location on the deck as the measurement for Item 107A – Deck Structure Thickness is taken. General guidelines for measurement location on various structure types are as follows:

Concrete Slab Bridge - Measure along the edge of the deck or, when a curb is present, along the curbline. When the slab is haunched, its thickness should be taken at the midpoint of the longest span.

Deck Supported by Stringers or Girders - Measure inside the flange of the fascia beam or, when a curb exists and is inside the fascia beam, along the curbline.

If the value of this item has increased since the last inspection and the structure has not been rated for load carrying capacity since that inspection, it should be re-evaluated.

History is retained for each INSPECTION DATE (Item 90) entered.

CODE AND SCREEN ENTRY INSTRUCTIONS

A three-digit field to one decimal position.

Enter the measurement of the total thickness of the deck to the nearest one-tenth (.1) inch.

This item is optional for culverts.

Fill the leading space(s) with zero(s) when applicable.

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ILLINOIS HIGHWAY INFORMATION SYSTEM

STRUCTURE INFORMATION AND PROCEDURE MANUAL

ITEM NAME	TOTAL DECK THICKNESS	ITEM NO.		108D
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EXAMPLES:

<u>Deck Type</u>	<u>Deck Thickness</u>	<u>Entry</u>
7" Concrete Slab w/No Overlay	7"	07.0
6" Concrete Slab w/2.25" Overlay	8.25"	08.3
27" x 36" PPC Deck Beam w/3.5" Overlay	30.5"	30.5
18" x 3'9" Precast Channel Beams w/5" Slab & 2" Overlay	7"	07.0
Timber Plank (3.5" x 10") w/2.5" Thick Runners	6"	06.0